

Getting Started:

The EVM6472 ships with a Power On self Test (POST) flashed in to I2C EEPROM. The POST will be automatically executed when the board is powered ON. POST will perform memory test and EMAC internal loopback test. At 'power on' state the user LEDs will glow. The LEDs will continue to glow while the POST utility is being copied from EEPROM to IRAM. User LEDs will turn OFF once the POST is copied to IRAM. User LED-1 and user LED-2 will blink to indicate successful executions of memory and EMAC internal loopback tests respectively. These LEDs will turn OFF after completion of the tests.

Please refer EVM User Guide for software installation and other details.

Helpful Hints:

- Plug in all the cables before turning the EVM ON to ensure proper grounding.
- Do not unnecessarily flex the boards, while inserting cables. Excessive flexing can break the PCB traces.

Online Documentation

Most of the information on EVM6472 is available online. Some of the most commonly used resources are mentioned below:

EVM6472 Information:

<http://www.einfochips.com/TI-TMS320C6472-EVM.php>

This link contains:

- Hardware & software details
- User Guide
- Technical Reference Manual
- TMS320C6472 Datasheet
- Frequently Asked Questions (FAQ)

C6472 DSP Information:

<http://focus.ti.com/docs/prod/folders/print/tms320c6472.html>

TI Worldwide Technical Support

Internet

TI Semiconductor Product Information Center Home Page
support.ti.com
TI Semiconductor KnowledgeBase Home page
support.ti.com/sc/knowledgebase

Product Information Centers

Americas

Phone +1(972) 644-5580 Fax +1(972)927-6377
Internet/Email support.ti.com/sc/pic/americas.htm

Europe, Middle East and Africa

Phone
European Free Call 00800-ASK-TEXAS
(00800 275 83927)
International +49 (0) 8161 80 2121
Russian Support +7 495 981 0701

Note: The European Free Call (Toll Free) number is not active in all countries. If you have technical difficulty calling the free call number, please use the international number above.

Fax +(49) (0) 8161 80 2045
Internet support.ti.com/sc/pic/euro.htm

Japan

Fax
International +81-3-3344-5317 Domestic 0120-81-0036
Internet/Email support.ti.com/sc/pic/japan.htm
Domestic www.tij.co.jp/pic

Asia

Phone			
International	+91-80-413816651-		
Domestic	Toll-Free-Number		Toll-Free-Number
Australia	800-999-084	Malaysia	1-800-80-3973
China	800-820-8682	New Zealand	0800-446-934
Hong Kong	800-96-5941	Philippines	1-800-765-7404
India	1-800-425-7888	Singapore	800-886-1028
Indonesia	001-803-8861-1006	Taiwan	0800-006800
Korea	080-551-2804	Thailand	001-800-886-0010
Fax	+886-2-2378-6808	Email	tiasia@ti.com ti-china@ti.com

Internet support.ti.com/sc/pic/asia.htm

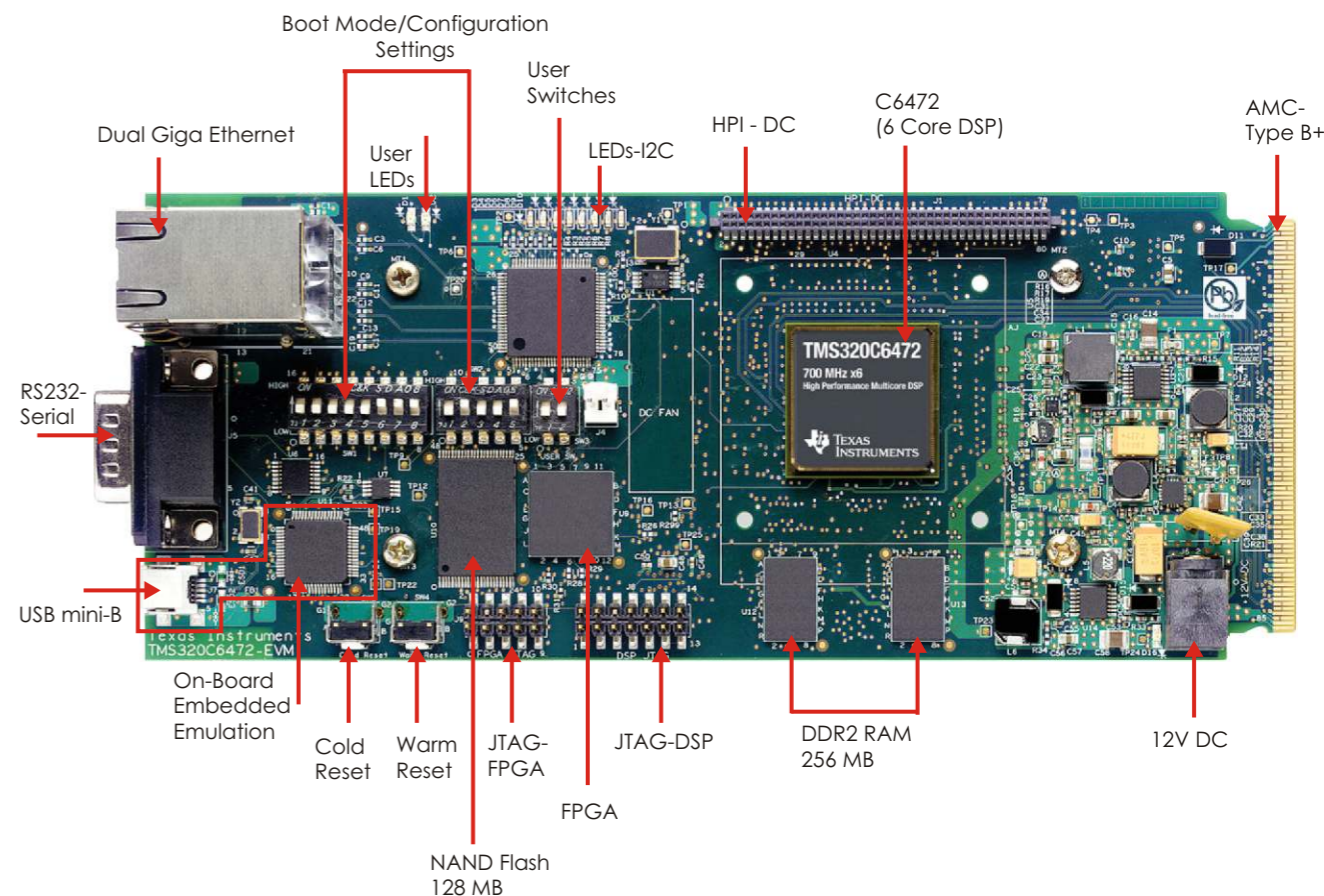
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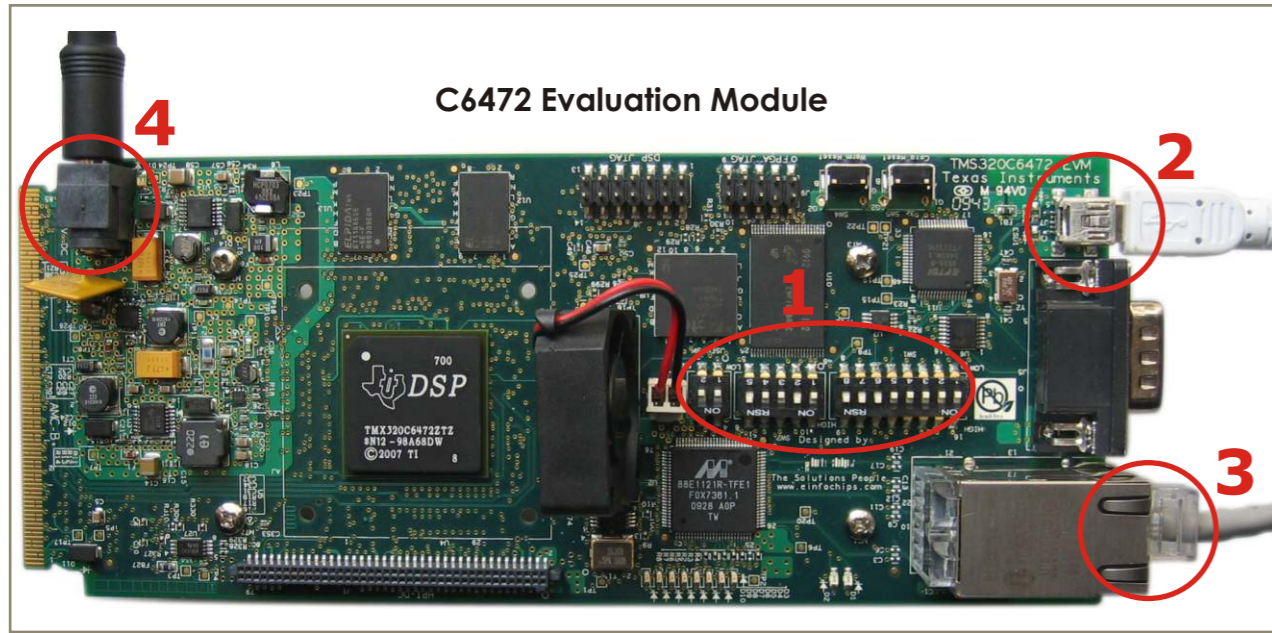
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TMDXEVM6472



TMS320C6472 Evaluation Module Quick Setup Guide

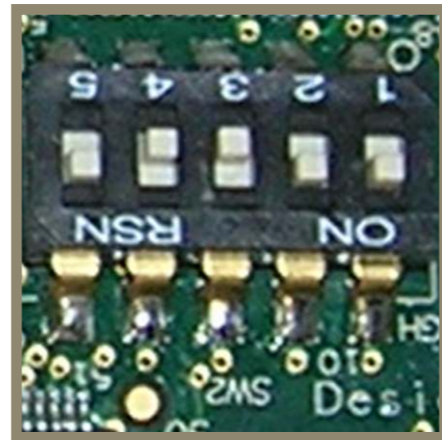
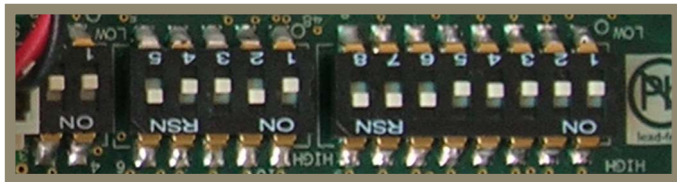




C6472 Evaluation Module

The TMDXEVM6472 (Evaluation Module) kit includes:

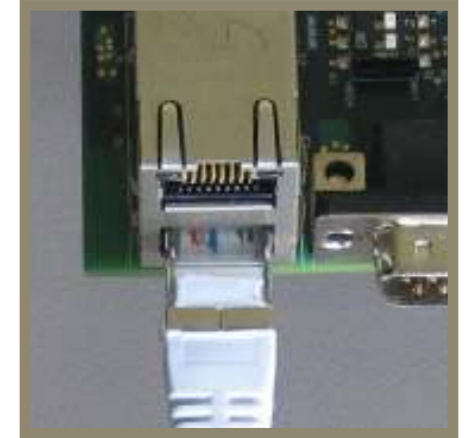
- TMS320C6472 Evaluation Module (Printed circuit board assembly)
- Power supply and power cord
- USB Cable for on-board JTAG emulation
- Ethernet cable
- Software (DVD) and documentation



1 Ensure EVM configuration switches are set as shown.

1a To run Out-Of-Box demo through NAND, configure the switches as shown above.

1a The EVM6472 is also shipped with an Out-Of-Box Demo application flashed into NAND. This is a network based application which starts an HTTP server and a TELNET server with the following static IP address: 192.168.2.100. The application enables the following:
 User switch 1 OFF - Static IP set as 192.168.2.100 (recommended)
 User switch 1 ON - Obtains IP address from DHCP server
 In order to connect to the board, the test PC should be configured with static IP address: 192.168.2.101. Once the User LEDs are OFF (indicating successful NAND boot) the user can access the following URL through a browser to view Out-Of-Box demo: <http://192.168.2.100>



3 Connect Ethernet switch / router / PC to the lower Giga Ethernet port (J3) of EVM6472 board using an Ethernet cable to access EMAC0. Use upper Giga Ethernet port of J3 to access EMAC1.



2 Connect the USB miniB cable to J7 plug for on board embedded emulation, as shown in figure. (For use with CCS debugger only)



4 Connect the 12V DC power adapter (supplied with the kit) to power jack (J6).